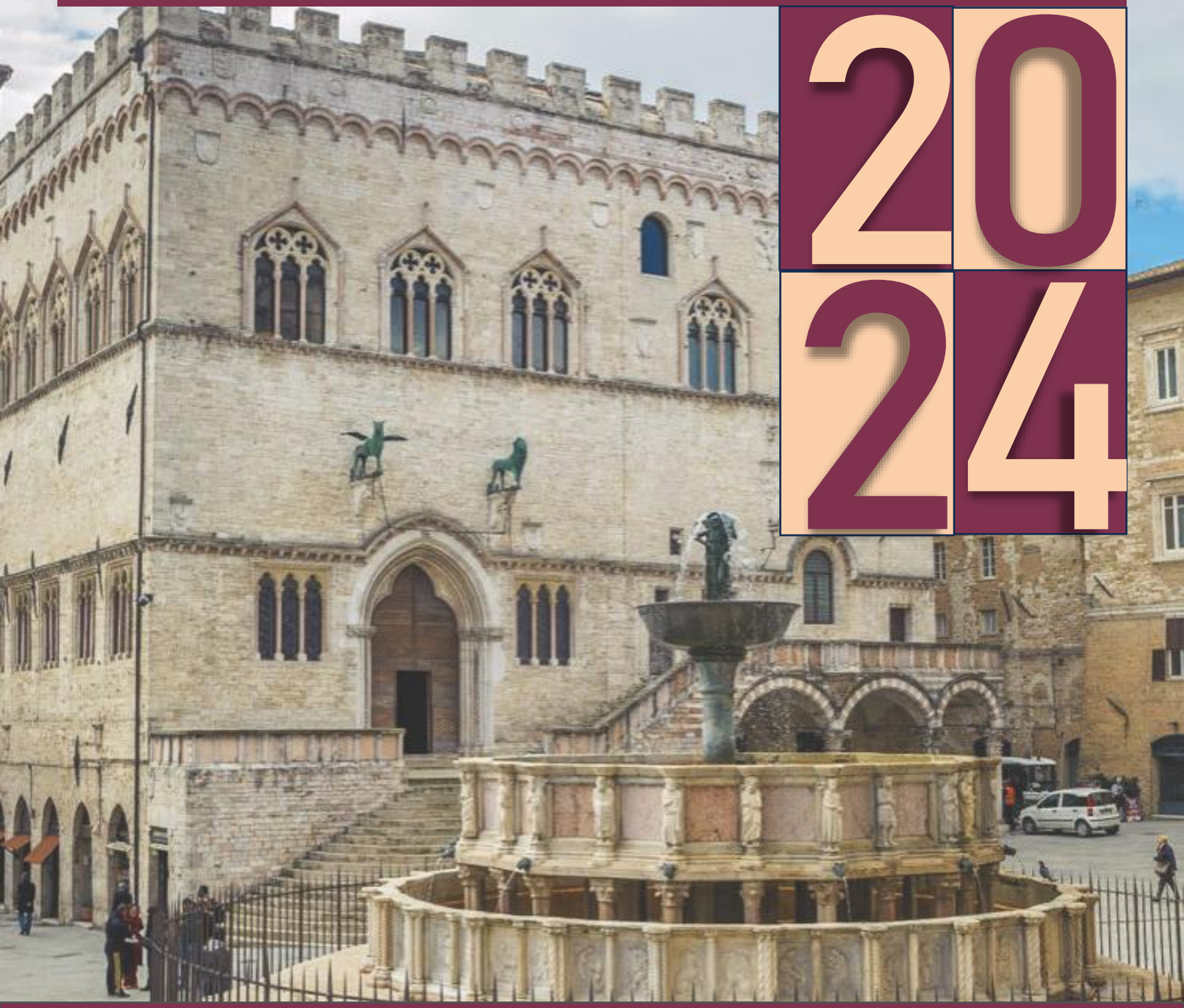
7TH INTERNATIONAL CONFERENCE ON PEROVSKITE SOLAR CELLS AND OPTOELECTRONICS - PSCO

2024



POSTER LIST

From 16th to 18th September 2024
Hotel Giò - Centro Congressi
Perugia, Italy

N°	Name, Organization	Title
1	**Aditya Bhardwaj** DECTRIS, Switzerland	Re-evaluation of the air-mediated response in bi-based perovskite x-ray detectors
2	**Akash Dasgupta** University of Oxford, United Kingdom	Surface vs. Bulk: disentangling the origin of degradation in perovskite solar cells
3	**Aleksandra Miaskiewicz** Helmholtz-Zentrum Berlin (HZB), Germany	Toward The Rate Limit For Co-Evaporated Wide Bandgap Perovskite Absorbers
4	**Allison Arber** University of Oxford, United Kingdom	Ion Migration and Dopant Effects in the Gamma-CsPbI3 Perovskite Solar Cell Material
5	**Amanda Covarelli** University of Perugia, Italy	Machine learning in metal halide perovskites: materials discovery and properties optimization
6	**Amin Hasan Husien** University of Milano-Bicocca, Italy	Chalcogenide-based hole transport material for stable perovskite solar cells
7	**Anastasiia Sakhatska** ETH Zurich, Switzerland	Methods of enhancement of charge carrier mobility in CsPbBr3 single crystals for fast single gamma photon counting
8	**Anastasios Sevastianos Antoniou** University of Luxembourg, Luxembourg	Growth and optical properties of vacuum evaporated phenethylammonium tin iodide thin films
9	**Anastasios Stergiou** PoliMi "Giulio Natta", Italy	Halogen-bond-driven structural modulation of two-dimensional 2-iodoethylammonium lead iodide perovskite
10	**Andrea Dibenedetto** University of Pavia, Italy	Synthesis and characterization of copper-containing chiral metal halides and the impact of organic ligand halogenation
11	**Andrea Olivati** IIT, Italy	Room temperature amplified spontaneous emission in lead-free cesium germanium iodide perovskite
12	**Apostolos Kalafatis** NCSR Demokritos, Greece	Metal sulfide thin films from single-source molecular inks: Steps towards solution-processed chalcogenide perovskites
13	**Asma Alothman** King Saud University, Saudi Arabia	Stability of tin- versus lead-halide perovskites: ab initio molecular dynamics simulations of perovskite/water interfaces

105	**Sam Teale** University of Oxford, United Kingdom	Monolithic perovskite tandem photovoltiacs optimised for maximum energy yield
106	**Samuel Zatta** University of Padova, Italy	EPR investigation on charge transport in organic hole transport layer / perovskite thin films
107	**Sandeep Kumar Gupta** KU Leuven, Belgium	Efficient perovskite pure blue-emitting thin films for high-performance light-emitting diodes
108	**Satakshi Gupta** UQ-IITD Research Academy, IIT Delhi	Role of organic spacer cations in the photophysical properties of lead halide perovskites
109	**Sebastian Berwig** Helmholtz-Zentrum Berlin (HZB), Germany	Nanotextures for Improved Light Management in All-Perovskite Tandem Solar Cells
111	**Selene Matta** University of Cagliari, Italy	Space-confined 2D and quasi-2D halide perovskite single crystals
112	**Shaibal Sarkar** IIT Bombay	Self-healing in Hybrid Halide Perovskite Photovoltaic Devices
113	**Shaoni Kar** University of Oxford, United Kingdom	Dimethylammonium-incorporated mixed halide perovskite nanocrystals for stabilized red emission
114	**Shengnan Zuo** Helmholtz-Zentrum Berlin (HZB), Germany	Synergistic nucleation and crystal growth process enables efficient DMSO-free tin perovskite solar cells
115	**Shivam Nauriyal** Indian Institute of Technology Bombay, India	A novel dopant strategy to realise ambient-processed hole transport layer for stable perovskite solar cells
116	**Simona Fantacci** CNR-SCITEC, Italy	Perovskite solar cells improved by 2D materials and 2D/3D interfaces: A computational study.
117	**Simone Barbarossa** University of Palermo, Italy	Co-doped Cs2Na1-x[XxYyZ1-y]Cl6 double perovskites: an investigation of the composition and crystallinity effects on photoluminescence efficiency by raman spectroscopy
119	**Simone Virga** University of Palermo, Italy	Morphology and piezoresistivity of lead-free (TMSO)3Sn3xBi2(1-x)I9 halide perovskite thin films influenced by bismuth